DOOSAN Document Transmittal

Upper Trishuli-1 HEP (216MW)

Date	DT No.:	SHEET
2022-08-01	UT1-HEP-DHI-PC-D-0051	1 OF 1

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SUBJECT	Submission of Review Note RN-0205 and RN-0206		

S. N.	REVIEW NOTE NO.	REVIEW STATUS	DWG. / DOC. NO.	REV.	DWG. TITLE / DOC. DESCRIPTION	REMARK
1	RN-0205	AN	UT1-C-060-CVL-DG-43001	0A	Layout Drawing of Work Adit for Steel Penstock Tunnel	
2	RN-0206	RR	UT1-C-070-CVL-DC-59002	0	Numerical Simulation Analysis for Tailrace Tunnel	
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Legend of Review Status
A : APPROVED
AN : APPROVED AS NOTED
RR : RETURN FOR RESUBMISSION
FI : FOR INFORMATION

DHI STAMP

Doosan Enerbility Co., Ltd
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Branch Office Nepal

Issued by DHI

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Doosan Enerbility Co., Ltd.

Discipline : Civil

UPPER TRISHULI-1 HEP (216MW)

Client	**Nepal Water and Energy Development Company Private Limited**
Owner's Engineer	**Tractebel Engineering GmbH / Jade Consult**

REVIEW NOTE

Contractor	**Doosan Enerbility**		
Title of the Document	Layout Drawing of Work Adit for Steel Penstock Tunnel		
Document No.	UT1-C-060-CVL-DG-43001	Revision	0A
Date of Documents	13.06.2022	Received Date	29.07.2022
Transmittal Form No.	UT1-HEP-DHI-D-0321		
Previous Review Date/Status	N/A	Prev. Review Note No.	N/A
Review Note No.	**RN-0205**	**Present Review Date**	**31.07.2022**
		Present Review Status	**AN**

A: Approved AN: Approved as Noted RR: Returned for Resubmission FI: For Information, only

Comments

1. The contractor shall confirm the shown dimensions of the Work Adit for the Steel Penstock Tunnel with the supplier of the E&M equipment including its transport and erection. An erection chamber with sufficient height and width may be required.
2. Drainage system/ pump sump may be required.
3. Through and crest radius at points PT2 and PT4 shall be defined and shown in the longitudinal profile.
4. The new point PT1 has been defined as starting point for the Work Adit for the Steel Penstock Tunnel (chainage 0+000.000) which coincides with point CP 0+081.910 of the MAT. The new point PT1 shall be shown in the drawings
   UT1-C-090-CVL-DG-64002-05, sheet 5 of 9
   UT1-C-090-CVL-DG-6400, sheet 3 of 3
   as well.
5. The typical cross section of the Work Adit for the Steel Penstock Tunnel including clearance profile of defining equipment shall be shown on the drawing under this revision.
6. The method statement of erection of the steel lined penstock including presentation/ sketches of the different work processes, elaborated by the supplier of the hydromechanical equipment, shall be submitted.

Disclaimer:

Any approval will not release the Contractor from any of his obligations under the Contract. Despite the Engineer's approval the Contractor remains fully responsible for design, calculation, dimensioning, supply and installation without limitations.

Sebastian Beck, Chief Design Engineer